

above.

C. Designation of Accessible . The International Symbol of accessibility should be displayed as shown in Figure 6.

V. Public Information Systems

This section has been reserved and there currently is no requirement that be equipped with an information system which is capable of providing the same or equivalent information to persons with hearing loss. While the Department assesses available and soon-to-be available technology during a study to be conducted during Fiscal Year 1992, entities are encouraged to employ whatever services, signage or alternative systems or devices that provide equivalent access and are available. Two possible types of devices are visual display systems and listening systems. However, it should be noted that while visual display systems accommodate persons who are deaf or are hearing impaired, assistive listening systems aid only those with a partial loss of hearing.

A. Visual Display Systems. Announcements may be provided in a visual format by the use of electronic message boards or video monitors.

~~Electronic message boards using a light-emitting diode (LED) display are currently provided in some transit stations and terminals and may be useful in these devices may be used to provide real time or pre-programmed messages. However, based on message displays require the availability of an employee for keyboard entry of the information to be announced.~~

Video monitor systems, such as visual paging systems provided in some airports (e.g., Baltimore-Washington International Airport), are another alternative. The Architectural and Barriers Compliance Board (Access Board) can provide technical assistance and information on these systems ('Airport TDD Access: Two Case Studies,' (1990)).

B. Assistive Listening Systems. Assistive listening systems (ALS) are intended to augment standard public address and audio systems by providing signals which can be received directly by persons with special receivers or their own hearing aids and which eliminate or filter background noise. Magnetic induction loops, infra-red and radio frequency systems are types of listening systems which are appropriate for various applications.

An assistive listening system appropriate for transit , where a group of persons or where the specific individuals are not known in advance, may be different from the system appropriate for a particular individual provided as an auxiliary aid or as of a reasonable accommodation. The appropriate device for an individual is the type that individual can use, whereas the appropriate system for a station or vehicle will necessarily be geared toward the 'average' or aggregate needs of various individuals. Earphone jacks with variable volume controls can benefit only people who have slight hearing loss and do not help people who use hearing aids. At the present time, magnetic induction loops are the most feasible type of listening system for people who use hearing aids equipped with 'T-coils', but people without hearing aids or those with hearing aids not equipped with inductive pick-ups cannot use them without special receivers. Radio frequency systems can be extremely effective and inexpensive. People without hearing aids can use them, but people with hearing aids need a special receiver to use them as they are presently designed. If hearing aids had a jack to allow a by-pass of microphones, then radio frequency systems would be suitable for people with and without hearing aids. Some listening systems may be subject to interference from other equipment and feedback from hearing aids of people who are using the systems. Such interference can be controlled by careful engineering design that anticipates feedback sources in the surrounding area.

The Architectural and Barriers Compliance Board (Access Board) has published a pamphlet on Assistive Listening Systems

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which lists demonstration centers across the country where technical assistance can be obtained in selecting and installing appropriate systems. The State of New York has also adopted a detailed technical specification which may be useful.

2/14/03